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मानक

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“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8335 (1991): Cardiovascular Surgery Instruments - Clamps, Auricle, Satinsky Pattern - Sizes, Shape and Dimensions [MHD 6: Thoracic and Cardiovascular Surgery Instruments]



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“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक

हृदय वाहिका शल्य क्रिया उपकरण — क्लैंप उल्कोष्ट,
सैटिन्सकी नमूने वाला — आकार, आकृति एवं आयाम

(पहला पुनरीक्षण)

Indian Standard

CARDIOVASCULAR SURGERY

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Thoracic and Cardiovascular Surgery Instruments Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first published in 1977 covering specification for Auricle Clamps, Satinsky Pattern, used in Cardiovascular Surgery. This has been revised so as to retain the requirements in respect of sizes, shape and dimensions only as the specification part of these types of instruments is now covered in IS 3642 (Part 1) : 1990 'Specification for Surgical Instruments: Part 1 Non-cutting, Articulated Type Instruments (*Second Revision*)'. This standard is, therefore, intended to be used only in respect of the sizes, shape and dimensions, which are referred to in 4.1 of IS 3642 (Part 1) : 1990.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Indian Standard***CARDIOVASCULAR SURGERY
INSTRUMENTS — CLAMPS, AURICLE,
SATINSKY PATTERN — SIZES, SHAPE
AND DIMENSIONS***(First Revision)***1 SCOPE**

1.1 This standard prescribes sizes, shape and dimensions for auricle, clamps, satinsky pattern for use in cardiovascular surgery.

2 REFERENCES

The IS 3642 (Part 1) : 1990 'Specification for Surgical Instruments : Part 1 Non-cutting Articulated Type Instruments (*Second Revision*)', forms a necessary adjunct to this standard.

3 SIZES, SHAPE AND DIMENSIONS

3.1 The sizes, shape and dimensions for the auricle clamps shall be as shown in Fig. 1.

3.2 Joint

The joints shall be box type conforming to IS 3642 (Part 1) : 1990.

3.3 Serrations

The serrations shall be atraugrip type and shall conform to IS 3642 (Part 1) : 1990.

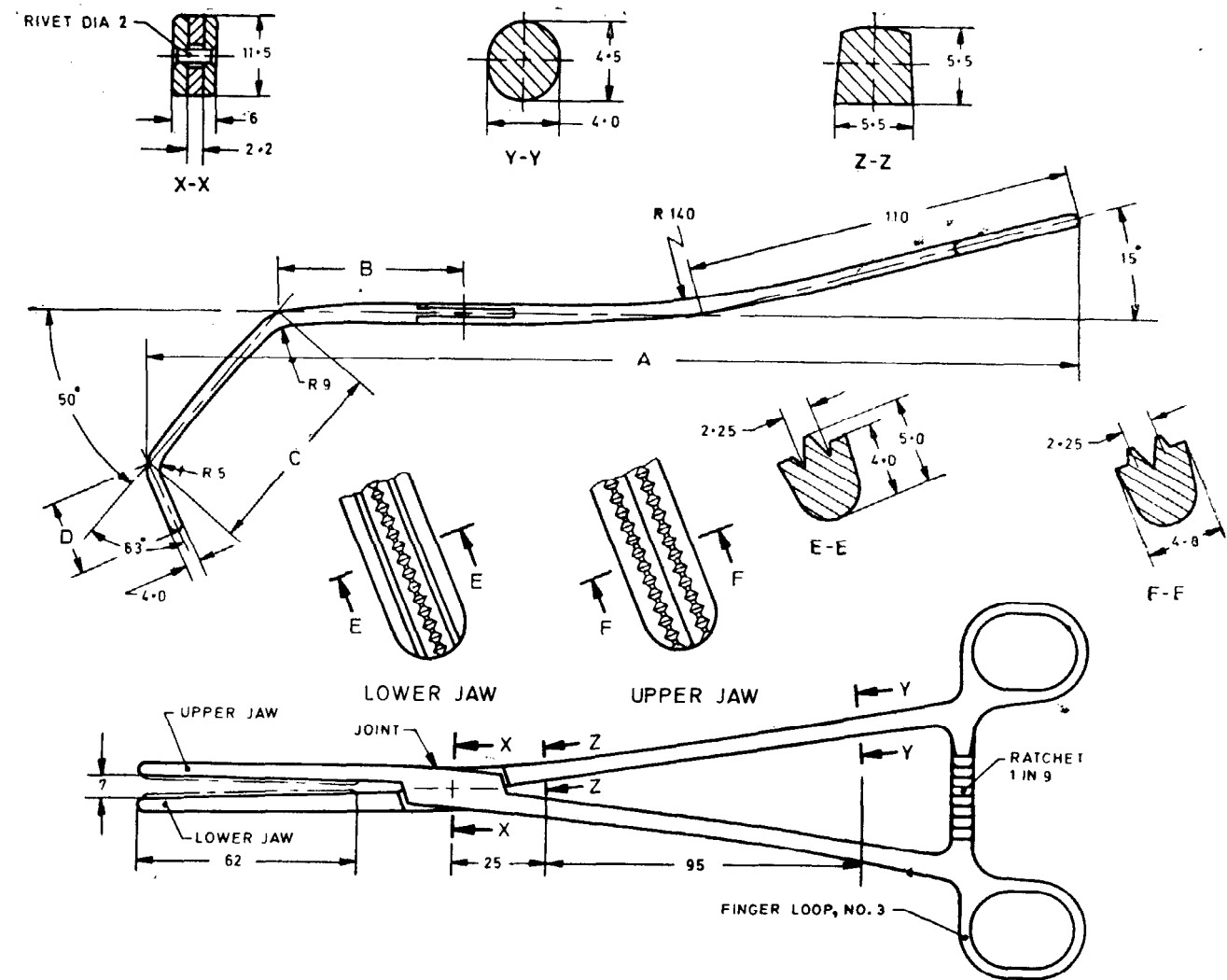
3.4 Ratchet

Ratchet teeth shall conform to IS 3642 (Part 1) : 1990 with a combination of 1 in 9.

3.4.1 The ratchet teeth shall be designed such that the force required to close the clamp at first step of the ratchet shall be 2.5 N, for the second step 5 N and so on.

3.5 Finger Loop

The finger loop shall conform to size No. 3 of IS 3642 (Part 1) : 1990.



All dimensions in millimetres.

FIG. 1 CLAMP, AURICLE, SATINSKY PATTERN

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